

MULTI-STAGE. HIGH PERFORMANCE. SURFACE PUMPS.



RainFlo water pumps are high performance multi-stage centrifugal surface pumps for residential, commercial, and light-industrial systems. RainFlo above ground pumps are specially designed for the unique requirements of rainwater collection systems while offering exceptional performance as standard booster pumps.

Available in 3 sizes, the MHP series of pumps is ideal for on demand usage at a constant pressure. For on/off functions and run-dry protection, pair the pump with an auxiliary pump control such as the RainFlo 115V pump controller.

Features:

- Large threaded inlet
- All stainless steel water end - including stainless steel casing, impellers, diffusers, drive shaft, and bearings
- Versatile operation in a wide variety of temperature ranges and liquids, such as rainwater, mineral water, soft water, pure water, and clean oil
- 1/2, 3/4, or 1 1/2 HP models
- Quiet operation of less than 65 dB

ORDERING INFORMATION

Model	Description
MHP50	1/2 horsepower pump, up to 17.6 GPM and 34 PSI (max.)
MHP75	3/4 horsepower pump, up to 26 GPM and 65 PSI (max.)
MHP150	1 1/2 horsepower pump, up to 36 GPM and 65 PSI (max.)



SPECIFICATIONS

RainFlo Multi-Stage Centrifugal Pumps

Model No.	MHP50	MHP75	MHP150
Horsepower	1/2	3/4	1 1/2
Nominal voltage range	110-125 VAC, 60Hz, 8A max.	110-125 VAC, 60Hz, 12A max.	110-125 VAC, 60Hz, 14A max.
P1kW (Input)	0.55	1.04	1.5
P2kW (Output)	0.37	0.55	0.75
Impeller stages	2	4	4
Maximum flow	17.6 GPM	26 GPM	36 GPM
GPM at 60 PSI (0 Head)	11	9.2	12
GPM at 50 PSI (0 Head)	14.5	14	19.5
Maximum head	79 ft.	164 ft.	168 ft.
System pressure	up to 34 PSI	up to 65 PSI	up to 65 PSI
Inlet pressure	up to 145 PSI	up to 145 PSI	up to 145 PSI
Inlet/outlet size	1" FNPT/1" FNPT	1" FNPT/1" FNPT	1-1/4" FNPT/1" FNPT
Weight	19.65 lbs.	22 lbs.	25.5 lbs.
Dimensions	15.75"L x 6.5"W x 9"H	15.75"L x 6.5"W x 9"H	16"L x 6.5"W x 9.3"H
Operating liquid temp	32° - 158°F	41° - 158°F	41° - 158°F
Thermal protection		yes	
Max. environmental temp		122°F	
Motor	2-pole induction, continuous duty		
RPM	3450		
Cooling	Air cooled		
Insulation class	F		
Protection	IP55		
Certifications	TUV, CCC		
Warranty	1 year		

PUMP PERFORMANCE

